



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Yoshikatsu KODAMA et al.

Serial No. 10/519,536

Filed: December 28, 2004

For: ANTI-CHICKEN COCCIDIOSIS COMPOSITION

Atty. Docket No.: 2004_2037A

Art Unit: 1645

Examiner: TONGUE, LAKIA J

DECLARATION PURSUANT TO 37 C.F.R. 1.132

1. I, Yoshikatsu KODAMA, do hereby declare as follows:

I had Ph.D. from University of Tokyo in 1978. Since April, 1978, I have been employed by GHEN Corporation. I have a full knowledge of the present invention and cited references.

2. In order to demonstrate that the antibody of the present invention is capable of inducing protective immunity against chicken coccidiosis.

The anti-chicken coccidiosis antibody produced in Example 1 of the present application (United States Patent Application Serial No. 10/519,536) is added to a standard broiler feed. The animal used in this evaluation was 10 day old "Chunky" which is a strain specifically developed for broiler production and had not been infected with chicken coccidiosis. The antibody was administered to the chickens by adding the antibody to the standard broiler feed at a concentration of 0.1 %, 1 %, and 10 %. After 3 day administration of the feed comprising the antibody, the chickens were infected with oocysts of *Eimeria tenella* (ET strain) at 5000 oocysts/animal (J. Protozool, 9: 154-161, 1962). As a negative control, the chickens which had been administered the standard broiler feed without the antibody were also infected with oocysts of *Eimeria tenella* (ET strain) at 5000 oocysts/animal. As a control, the chickens which had been administered the standard broiler feed without the antibody and were not infected were also observed. Each group includes 10 chickens.

The chickens were observed for 2 weeks after the infection. The chickens were continuously administered the standard broiler feed with or without the antibody for said 2 weeks.